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Experiment: 15.Perform basic Image Handling and processing operations on the image is to read an image in python and detect the corners in the image using Harris Corner Detection function

Code:

import cv2

import numpy as np

i = cv2.imread("image.jpg")

g = cv2.cvtColor(i, cv2.COLOR_BGR2GRAY)

g = np.float32(g)

c = cv2.cornerHarris(g, 2, 3, 0.04)

i[c > 0.01 * c.max()] = [0, 0, 255]

cv2.imshow("Original Image", i)

cv2.imshow("Harris Corner Detection", i)

cv2.waitKey(0)

cv2.destroyAllWindows()

Input and Output: